In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

42. (Currently amended)   A method for retrieving information from a network-based, information[[-]]provider comprising:

   a)   providing a network-enabled, cellular phone equipped with an image-capture device, data-capture device said cellular phone being configured to retrieve information from a network having at least one information provider operative to provide search results to queries defined at least in part by electronic representations of real-world entities captured by said image-capture device;

   b)   formulating a query for information to be supplied to a user by transforming data obtained from at least one real-world entity into an electronic representation of the real-world entity by way of said image-data capture device;

   c)   retrieving information from said network-based, information-provider based on the query; and

   d)   presenting the information by way of a user-output interface.

43. (Currently amended) The method of claim 42, wherein said data-image -capture device includes an image-capture device a digital camera.

44. (Currently amended) The method of claim 42, wherein said data-image-capture device includes a microphone-video camera.

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45. (Canceled) ~~The method of claim 42, wherein said data-capture device includes a radio receiver.~~

46. (Canceled) ~~The method of claim 42, wherein said data-capture device includes a data-capture device selected from the group consisting of scent detector, taste sensor, geophone, motion sensor, acceleration meter, wind meter, thermometer, humidly sensor, texture sensor, location sensor, and global positioning system receiver.~~

47. (Canceled) ~~The method of claim 42, wherein said data-capture device is integrated into a cellular phone.~~

48. (Canceled) ~~The method of claim 42, wherein said data-capture device is integrated into a device selected from the group consisting of a wireless phone, netphone, personal digital assistant, portable computer, pager, and personal computer.~~

49. (Presently amended) The system of claim 42, wherein said network-based information-provider is implemented as a network-based dedicated server configured to perform data-processing on data of the electronic representation of real-world entities <u>captured</u> by said ~~data~~ <u>image</u>-capture device.

50. (Previously presented) The method of claim 42, said at least one network-based information-provider is selected from the group consisting of a

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World-Wide-Web site, intranet site, extranet site, database, knowledge-base, search engine, dedicated server and service center.

51. (Canceled) ~~The method of claim 42, wherein said query being at least one electronic representation of a real-world entity includes an image.~~

52. (Canceled) ~~The method of claim 42, wherein said query being at least one electronic representation of a real-world entity includes a sound recording.~~

53. (Canceled) ~~The method of claim 42, wherein said query being at least one electronic representation of a real-world entity includes an information segment encoded in electromagnetic radiation.~~

54. (Canceled) ~~The method of claim 42, wherein said query being at least one electronic representation of a real-word entity selected from the group consisting of odor, taste, texture, motion, and vibration.~~

55. (Currently amended) The method of claim 42, wherein said formulating a query includes fusing data of a plurality of electronic representations of real-world entities captured by said ~~data~~ image-capture device.

56. (Currently amended) The method of claim 42, wherein said formulating a query includes fusing data inputted by a user with said at least one electronic representation of real-world entities captured by said ~~data~~ image-capture device.

57. (Canceled) ~~The method of claim 42, further comprising presenting information retrieved from said information-provider service by way of a user output device.~~

58. (Currently amended) The method of claim <u>42</u> ~~57~~, wherein said user output device is selected from the group consisting of a visual output device, audio output device, ~~textural output device, motion generator, electromagnetic transmitter,~~ <u>and</u> vibrator. ~~and scent generator.~~

59. (Previously presented) The method of claim 42 further comprising alerting a relevant party in response to the information retrieved from said network-based information-provider according to instructions inputted <u>by way of a key pad of said cellular phone.</u> ~~by a user said user input interface.~~

60. (Currently amended) A ~~portable, network-enabled information retrieval~~ <u>network-enabled telephony</u> device comprising <u>a network-enabled, cellular phone having an image-capture device, said cellular phone being configured so as to enable generation of queries at least partially based on image data captured by said image-capture device for retrieval of information from at least one network-based, information provider responsive to such queries.</u>

    a) ~~a portable, data-capture device for generating electronic representations of real-world entities;~~

    b) ~~a network interface; and~~

    c) ~~a processor, said processor being configured to generate network queries for retrieving information from a network containing information-provider, said query being at least one electronic~~

representation of a real world entity captured by said data capture device.

61. (Currently amended) The ~~portable, network-enabled information retrieval~~ network-enabled telephony device of claim 60, wherein said ~~data~~ image-capture device includes a digital camera. ~~an image capture device so as to be an image-based search engine.~~

62 (Currently amended) The ~~portable, network-enabled information retrieval~~ network-enabled telephony device of claim 60, wherein said ~~data~~ image-capture device includes a video camera. ~~wherein said data capture device includes a microphone so as to be an audio-based search engine.~~

63 (Canceled) ~~The portable, network-enabled information retrieval device of claim 60, wherein said data capture device includes a receiver of information segments encoded in electromagnetic transmissions.~~

64. (Canceled) ~~The portable, network-enabled information retrieval device of claim 60, wherein said data capture device is selected from the group consisting of scent detector, taste sensor, geophone, motion sensor, acceleration meter, wind meter, thermometer, and humidly sensor~~

65. (Canceled) ~~The portable, network-enabled information retrieval device of claim 60, wherein said data capture device is integrated into a cellular phone.~~

66   (Canceled) ~~The portable, network-enabled information retrieval device of claim 60, wherein said data-capture device is integrated into a device selected from the group consisting of a wireless phone, netphone, personal digital assistant, portable computer, pager, and personal computer.~~

67.   (Canceled) ~~The portable, network-enabled information retrieval device of claim 60, wherein said query being at least one electronic representation of a real-world entity includes an image.~~

68.   (Canceled) ~~The portable, network-enabled information retrieval device of claim 60, wherein said query being at least one electronic representation of a real-world entity includes a sound recording.~~

69.   (Canceled) ~~The portable, network-enabled information retrieval device of claim 60, wherein said query being at least one electronic representation of a real-world entity includes an information segment encoded in electromagnetic radiation.~~

70.   (Currently amended)   ~~The portable, network-enabled information retrieval device of claim 60, wherein said query being at least one electronic representation of a real-word entity selected from the group consisting of odor, taste, texture, and vibration.~~ ~~The portable, network-enabled information retrieval~~ The network-enabled telephony device of claim 60, wherein said cellular-phone being further configured to fuse image-data captured by said image-capture device with audio data captured by a microphone of said cellular-phone. ~~electronic representations of real-world entities obtained~~

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71. (Currently amended) The ~~portable, network-enabled information retrieval~~ network-enabled telephony device of claim 60, wherein said ~~processor~~ cellular-phone being further configured to fuse image-data of a plurality of images ~~electronic representations of real-world entities obtained~~ captured by said ~~data~~ image-capture device.

72. (Currently amended) The ~~portable, network-enabled information retrieval~~ network-enabled telephony device of claim 60, said ~~processor~~ cellular-phone being further configured to fuse textual data inputted by way of a key pad of said cellular phone ~~user-input-interface~~ with image data ~~of said electronic representation of real world entities obtained~~ captured by said ~~data~~ image-capture device

73 (Currently amended) The ~~portable, network-enabled information retrieval~~ network-enabled telephony device of claim 60, wherein said network-based, information provider is implemented as a network-based, dedicated server configured to perform data processing on the captured data.

74. (Currently amended) The ~~portable, network-enabled information retrieval~~ network-enabled telephony device of claim 60, wherein said at least one network-based, information[[-]]provider is selected from the group consisting of a World-Wide-Web site, intranet site, extranet site, database, knowledge-base, search engine, dedicated server and service center.

75. (Currently amended) The ~~portable, network-enabled information retrieval~~ network-enabled telephony device of claim 60, further comprising an output device for presenting information retrieved from said information[[-]]provider to a user.

76. (Currently amended) The ~~portable, network-enabled information retrieval~~ network-enabled telephony device of claim 75, wherein said ~~user~~ output device is selected from the group consisting of a visual output device, audio output device, ~~textural output device, motion generator, electromagnetic transmitter,~~ and vibrator ~~and scent generator~~.

77. (Currently amended) The ~~portable, network-enabled information retrieval~~ network-enabled telephony device of claim 72, wherein said ~~processor~~ cellular phone being configurable to alert a relevant party in response to the information retrieved from said network-based, information[[-]]provider according to instructions inputted ~~by a user~~ by way of said key pad ~~user input interface~~.